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Before Starting

What Is the Statistical Abstract of the United States?

The *Statistical Abstract* is the Nation's best known and most popular single source of statistics on the social, political, and economic organization of the country. The *Abstract* has been published since 1878 while the compact disc version first appeared in 1993. Each is designed to serve as a convenient, easy-to-use statistical reference source and guide to statistical publications and sources. Both contain over 1,400 tables from over 250 different governmental, private, and international organizations.

What's New for 1999

We have improved and enhanced data on the disc and the software used for accessing the information. The enrichments to the data and their access include:

- Our table of contents page now has a PDF of our web site. This will enable you to have direct links to the *Statistical Abstract* and its supplements and other features, such as *Statistics in Brief* and Frequently Requested Tables.

- A link to our table of contents from the first text page of each section facilitates quick movement between sections of the book.
- New PDFs provide more explanation of several major economic series including the Federal Budget, the National Income and Product Accounts (NIPA), the Consumer Price Index (CPI) and Producer Price Index (PPI), and the new North American Industry Classification System (NAICS). Another PDF provides information on the Federal court system. Links to these supplemental materials are provided from each appropriate table.
- A separate PDF presents a compilation of tables showing major economic indices, as selected by the Council of Economic Advisors.
- Maps of each state and their metro areas and component counties, maps outlining National Park sites throughout the country, a map of the United States with major transportation facilities and routes, a U.S. map locating coal mines and facilities, and one depicting the distribution of forest land have been added.

As usual, we have updated most of the more than 1,500 tables and charts that were on the previous disc with new or more recent data. The spreadsheet files, which are available in both Excel and Lotus formats, will usually have more information than the tables displayed in the book or Adobe Acrobat files. This year we have introduced over 100 new tables covering a wide range of subject

areas. Several sections have preliminary data from the 1997 Economic Census, which presents industry statistics for the first time based on the North American Industry Classification System (NAICS). Comparative data for 1992 and 1997, based on the Standard Industrial Classification (SIC), are also presented. Tables 872 and 873 in Section 17, Business, present summary data for industries. Other new tables cover such topics as the foreign-born population, health care expenditures, the medicare trust fund, violence in schools, presale handgun checks, recycling programs, defense-related employment and spending, workplace violence, ownership of mutual funds, computer use, results of the 1997 Census of Agriculture, and mail order catalogue sales.

In addition to the above new tables, we have also developed a new section, 20th Century Statistics. This section introduces data beginning in 1900 on a broad range of subjects, including population, vital statistics, health, education, income, labor force, communications, agriculture, defense, and other areas. The Industrial Outlook tables, previously in Section 31, have been deleted since we were unable to update them. For a complete list of new tables, see Appendix VI, p. 947.

The Adobe Acrobat Reader and Search engine, Version 4.0, is on the disc. The Acrobat Reader allows users to view, navigate, search, and print on demand any of the pages from the book. **We strongly recommend that you install this version of Adobe Acrobat Reader to your hard disk for use with this CD-ROM.**

We Want Your Feedback

To continue to improve this CD, we are asking you to complete the **user questionnaire** on the disc. Click the questionnaire banner in the opening screen to access the survey PDF file. Just print the questionnaire, complete it, and mail it in the envelope provided, or fax it to us. Any comments/suggestions regarding the content and/or software would be most welcome. Many thanks.

Copyrighted Tables

This is a reminder that there are a number of tables on the disc (just like the book) that are subject to copyright restrictions. The restrictions are indicated in the source notes below each table. Permission to reproduce copyrighted material must be obtained directly from the copyright owner. There are several tables that only appear in the printed version of the book as the copyright holder withheld permission to release on the compact disc. These are so noted by the table number, title, and a statement.

Getting Started

Your Options (Adobe Acrobat, Excel, and Lotus)

The compact disc again provides users with several different methods to use the information. We believe that this will allow the user choices in terms of equipment, operating environment or system, and independent software access.

Adobe Acrobat offers the advantage of higher quality output. Acrobat also runs on many different types of platforms and environments such as Windows 95/98 or NT and the UNIX operating environment. The Acrobat Search function allows users to easily find information on the disc by retrieving the individual table or PDF file (see "Searching and Navigating").

The Statistical Abstract tables and the population of metropolitan areas appendix table are also available in both Excel (.xls) and Lotus spreadsheet (.wk1) formats. In most cases, these spreadsheet files offer the user direct access to more data than either shown in the publication or Adobe Acrobat. These files usually contain more years of data, more geographic areas, and/or more categories of subjects. For instance, the weather tables (421-425) present data for about 70 weather stations or cities in the Adobe Acrobat or book version while the Excel and Lotus files contain over 280 areas. The national income tables (723 and 727) contain data back to the early 1950s. In some files, definitions and survey

IBM AIX

- IBM AIX 4.2.1 or later
- Common Desktop Environment (CDE) 1.0 or Motif
- 32 MB of available RAM
- 12 MB of available hard-disk space

DEC OSF/1

- DEC OSF/1 Version 4.0 or later
- 32 MB of available RAM
- 12 MB of available hard-disk space

HP-UX

- HP 9000 Series Workstations Model 700 or higher
- Hewlett-Packard HP-UX Version 9.0.3 or later
- X Window System X11R5 with HP-VUE or Common Desktop Environment (CDE) 1.0 or later
- 32 MB of available RAM
- 12 MB of available hard-disk space

SGI IRIX

- Silicon Graphics IRIX 5.3 or later
- 32 MB of available RAM
- 12 MB of available hard-disk space

LINUX

- Red Hat Linux 5.1 or later (non-glibc versions) or Slackware Linux 2.0 or later (non-glibc versions)
- 32 MB of available RAM
- 12 MB of available hard-disk space

Sun Solaris X86 and Sun Solaris SPARCstation

- Sun Solaris 2.3 or later
- Sun OpenWindows 3.0 or later, Motif 1.2.3 or later, OpenLook 3.0, or Common Desktop Environment (CDE) 1.0 or later
- 32 MB of available RAM
- 12 MB of available hard-disk space
- Note: Acrobat Reader will not run under SunOS or Solaris 2.0, 2.1, or 2.2.

Installing Software

Adobe Acrobat

This CD-ROM contains the Acrobat Reader 4.0 installers with Acrobat Search for Windows and Unix. For the best results in its use, you should use a search enabled version of Acrobat 4.0 (instructions below). The *Statistical Abstract* is presented as a series of PDF (Adobe Acrobat Portable Document Format) files in the [CD-DRIVE] :\PDF directory on the CD-ROM. To view these files, you must first install the Adobe Acrobat Reader. **You will want to install the version of this Reader on the CD-ROM. Before installing, uninstall Adobe Acrobat 3.x and Acrobat Reader 3.x. After installation, remember to reboot your computer.**

Users with Adobe Acrobat 4.0 currently installed do not need to install the Acrobat Reader 4.0. However, it is important that the Web Capture Preference in the drop down file menu be changed to open Weblinks in a Web browser and not Adobe Acrobat.

Windows users

The “Install Software” section, found on the opening screen of the DemoShield application, handles the installation of the Adobe Acrobat and other viewing tools. It is recommended that you use

the Statistical Abstract DemoShield application for installing the Adobe Acrobat Reader. You may want to begin all your user sessions from within the DemoShield application, but that is optional.

The AutoPlay feature has been enabled for Microsoft Windows 95/98 users. This will cause the DemoShield application to automatically start on your desktop when the disc is inserted in the drive. If you are not using Windows 95/98 or have disabled the AutoPlay feature in that environment, the DemoShield application must be started manually. To start the application in this manner, all Window users should use either the Explorer or the Program Manager to double-click the STATAB99 icon and then double-click the file named launch.exe. This will load the appropriate files for your version of Windows to allow you to use the DemoShield application. This can also be done from “Run” in the “Start” menu by entering [CD DRIVE]:/launch.exe, where the [CD DRIVE] is replaced with the corresponding letter of your CD reader on your computer.

UNIX users

To run the installation script:

- Change to the directory containing installation script: [CD DRIVE]:/ACROREAD/ and review the installation instructions in UNIXREAD.TXT.
- Start the installation script. The filename of the script may be uppercase or lowercase depending on your system.
- Follow the instructions that appear on your screen. If you make a mistake, you can either exit at different points in the procedure or press the interrupt key sequence to cancel the installation.

Microsoft Excel Viewer

The “Install Software” section, found on the opening screen of the DemoShield application, handles the installation of the Microsoft Excel Viewer, and other related viewing tools. It is recommended that you use the Statistical Abstract DemoShield application for installing this software. You do not need Excel installed on your computer to install the Viewer.

However, installation of this software is optional. If you already have spreadsheet software, you probably do not need to install this Viewer. If you do install the Viewer, you will be able to open, view, copy, and print the content of Excel .xls spreadsheet files found on this CD-ROM. You cannot edit or save an open workbook or create new workbooks in Microsoft Excel Viewer.

QuickTime

QuickTime movies of some space shuttle flights are present on this disc and are hyperlinked to **Table 1011**, from the U.S. National Aeronautics and Space Administration. QuickTime software is needed to play these movies. If you do not already have the software installed, the Install Software section, found on the opening screen of the DemoShield application, handles the installation of QuickTime. It is recommended that you use the Statistical Abstract DemoShield application for installing this software. The software will automatically be installed on your hard disk, and you may view these movies.

Navigating and Searching

Users that are not familiar with Adobe Acrobat should take a few minutes to review the navigating and searching information, which is available by selecting the “How to Use” button on the opening screen. A tutorial demonstration of these tools is presented. Most of the material covered below on the Adobe icons is covered in more detail in those demonstrations.

The easiest and simplest way for a new user to navigate through the *Statistical Abstract* CD-ROM is to start with the Contents document, which may be opened after installing or launching Acrobat. Another option is to launch the Adobe Acrobat software directly from the DemoShield application software. Both methods will bring the user to a screen displaying both the complete alphabetical index of key words like you would find in the book and the table of contents (see Figure 1). This screen affords the user three choices for locating the desired information or table: 1) to search using the index, which provides direct links to the tables, 2) to go directly into a topical section such as “Population” or “Health and Nutrition” and page through the section, or 3) to use the “Search” function. Users simply enter a keyword or phrase to conduct a full-text search of all files on the CD, including text within graphics and charts. A thesaurus is available to facilitate and assist in the search.

Figure 1. PDF Contents Page

<ul style="list-style-type: none"> Section 1. Population (Tables 1 - 90) Section 2. Vital Statistics (Tables 91 - 162) Section 3. Health and Nutrition (Tables 163 - 252) Section 4. Education (Tables 253 - 341) Section 5. Law Enforcement, Courts, and Prisons (Tables 342 - 392) Section 6. Geography and Environment (Tables 393 - 426) Section 7. Parks, Recreation, and Travel (Tables 427 - 461) Section 8. Elections (Tables 462 - 499) Section 9. State and Local Government Finances and Employment (Tables 500 - 541) Section 10. Federal Government Finances and Employment (Tables 542 - 573) 	<ul style="list-style-type: none"> Section 11. National Defense and Veterans Affairs (Tables 574 - 606) Section 12. Social Insurance and Human Services (Tables 607 - 648) Section 13. Labor Force, Employment, and Earnings (Tables 649 - 720) Section 14. Income, Expenditures, and Wealth (Tables 721 - 774) Section 15. Prices (Tables 775 - 793) Section 16. Banking, Finance, and Insurance (Tables 794 - 860) Section 17. Business Enterprise (Tables 861 - 916) Section 18. Communications and Information Technology (Tables 917 - 951) Section 19. Energy (Tables 952 - 987) Section 20. Science and Technology (Tables 988 - 1012) 	<ul style="list-style-type: none"> Section 21. Transportation—Land (Tables 1013 - 1068) Section 22. Transportation—Air and Water (Tables 1069 - 1099) Section 23. Agriculture (Tables 1100 - 1146) Section 24. Natural Resources (Tables 1147 - 1189) Section 25. Construction and Housing (Tables 1190 - 1230) Section 26. Manufactures (Tables 1231 - 1272) Section 27. Domestic Trade and Services (Tables 1273 - 1306) Section 28. Foreign Commerce and Aid (Tables 1307 - 1331) Section 29. Outlying Areas (Tables 1332 - 1345) Section 30. Comparative International Statistics (Tables 1346 - 1410)</
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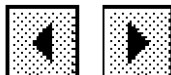
move the pages to see various parts of each page and is like moving a piece of paper on a desk with your hand; the “magnifying glass” allows one to increase the magnification (+) of the material or decrease it (-). At any time the user can consult the “Help” icon for quick information on how to use these features and others that follow.

Figure 2. **Adobe Icons**

Hand



Previous Page or Next Page



Zoom



First Page or Last Page



Go Back or Go Forward



Two more handy Adobe icons, “Bookmarks” and “Thumbnails” (see Figure 3), may be opened in the left margin to facilitate your

movement through the section. Bookmarks will provide a listing of the table titles for each section and links to the page they appear on; Thumbnails provide miniature previews of each page (including text and graphics) in each section, enabling one to jump quickly from one page to another.

Figure 3. **Bookmark and Thumbnail Icons**

Bookmark



Thumbnail



Figure 4. **Search and Find Icons**

Search



Find



If you can not find the information in either the index or by paging or moving within a section, you will want to become familiar with Acrobat's "Search" and "Find" functions (see Figure 4). These two icons appear very similar in appearance but can yield very different results. We recommend that you use the Search function as it is more powerful and will usually yield the desired results.

The Search icon, binoculars with index card in the background, offers high-speed access and advanced queries over all of the tables or PDF files. The search feature looks for most words but ignores certain words (the, a, an). It also treats the words “and” and “or” as logical operators, rather than as plain text. When a table contains a search hit, the word or words specified have been found in one or more tables; the table title(s) will appear in the list of search results. To view a table, highlight the table title and select “view.” Use the icons of the index cards with the arrows to move to the next or previous hit. To return to the search results list, select the icon with the pie chart in front of the index card. The search function also has an optional built-in thesaurus that will find related words to the search query.

The Find icon, binoculars only, is a simple command which works within an open PDF file you are currently reading. It will accept any string of characters in its find window and will match this string against the open document.

Buttons

Two buttons (see Figure 5) to the side of each table provide hyperlinks to spreadsheet files associated with each table. If your Excel or Lotus spreadsheet program is not loaded, Acrobat will launch your software package and bring the attached spreadsheet to your screen. If you want to move between the PDF and its

Figure 5. PDF Table With Buttons

No. 156. Percent Distribution of Marriages, by Marriage Order: 1970 to 1988

[Excludes marriages with marriage order not stated. See headnote, Table 158]

Marriage order	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
First marriage of bride and groom	68.6	56.2	54.7	54.8	54.4	54.4	54.3	53.9	53.9	54.1
First marriage of bride, remarriage of groom	7.6	11.3	11.8	11.6	11.6	11.5	11.5	11.3	11.3	11.1
Remarriage of bride, first marriage of groom	7.3	9.8	10.1	10.3	10.5	10.7	10.9	11.2	11.3	11.4
Remarriage of bride and groom	16.5	22.7	23.4	23.3	23.5	23.4	23.4	23.6	23.5	23.4

Source of Tables 155 and 156: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *National Vital Statistics Report (NVSr)* (formerly *Monthly Vital Statistics Report*); and unpublished data.



associated spreadsheet, use “ALT” key, then the “TAB” key to toggle between the PDF file and spreadsheet.

All tables have a third button designated “Internet” that provides a hyperlink to U.S. Government statistical agencies on the World Wide Web. These sites may offer additional or more recent information or data for the *Statistical Abstract* table. If you click on the Internet button for a table from a private or international source, there will be **no active link to a site**.

To make use of these hyperlinks, the user is responsible for having a Web browser and access to the Internet. The Census Bureau does not support Internet access from this CD-ROM but provides these URL references as a convenience to our customers and users who are connected to the Web. The user needs to tell Acrobat initially where to find their Web browser and will need to click on the menu item on the top bar “File ->Preferences ->Weblink.” This brings up a “Weblink Preferences” window where the user will need to click on the Browse button in order to specify the location of their Web browser.

Using Excel or Lotus Spreadsheet Files

More than 1,500 Statistical Abstract tables are available in both Excel (.xls) and Lotus (.wk1) spreadsheet formats. These spreadsheet files can be directly opened with Excel or Lotus or other software packages that recognize these two file formats.

The files are located on the disc in a series of subdirectories under the main directory called SPRDSHTS. The subdirectories correspond to the various subject sections (i.e., health, law, energy) and appendices (APP) in the publication. The worksheet files are **99Snnnn.wk1** or **99Snnnn.xls**, where nnnn is the equivalent Statistical Abstract table number with leading zeros.

Most of these files contain either more years of data or more detail (additional variables or geographic units) than those shown in the book or in the Adobe Acrobat software. Also, tables from the U.S. Government statistical agencies will have Internet addresses located below the source citation for the tables to facilitate locating and accessing additional information or data.

Sources of Assistance and Key Addresses

To order or obtain information:

Customer Services Center301-457-4100
 Fax301-457-3842

Questions regarding data content and statistics:

Statistical Compendia Branch301-457-1171
 Fax301-457-4707
 Internet e-mailcompendia@census.gov

Technical Support:

Electronic Products Development Branch301-457-1324
 Internet e-mailTechSupp@census.gov

Metropolitan and Congressional district maps:

Geography Division
 Products and Services Staff301-457-1128
 Ordering information on the Internet at
<http://www.census.gov/geo/www/mapGallery/index.html>

Key Addresses

Adobe Systems Incorporated
 345 Park Avenue
 San Jose, California 95110-2704

Microsoft Corporation
 One Microsoft Way
 Redmond, WA 98052-6399

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We would especially like to thank the U.S. National Aeronautics and Space Administration (NASA) for the use of their QuickTime movies. Additional movies or images may be found at their web site:

NASA — <http://www.ksc.nasa.gov/shuttle/photos/>

Other Census Bureau CD-ROM Products

USA Counties: 1998

A popular county database with over 5,000 data items. This CD-ROM contains demographic, economic, and governmental information from 15 different Federal and private organizations. Not only do you get the most up-to-date data, you get many data in time series. This CD also features expanded COPY and new MAP functions.

State and Metropolitan Area Data Book: 1997-98

Another popular compendia product featuring Adobe Acrobat software, Internet links, and Lotus and Excel spreadsheet data. Features the latest demographic and economic estimates in comparison with 1990.

County and City Data Book: 1994

Well known reference source with data on counties, cities of 25,000 persons or more, and towns and places 2,500 or more. Extensive data from the 1990 census featured. Update (1999-2000 edition) expected in summer 2000.